



Serial No. 09/889,331

Young et al.

"Methods for Glucagon Suppression"

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TECH CENTER 1600/2900

Amino Acid Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Compound 90	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ala	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Glu	Ala	Val	Arg	
Compound 91	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ala	Ser	Ala	Leu	Ser	Lys	Gln	Met	Glu	Glu	Ala	Val	Arg
Compound 92	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Ala	Leu	Ser	Lys	Gln	Leu	Glu	Glu	Ala	Val	Arg	
Compound 93	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Glu	Leu	Ser	Lys	Gln	Met	Glu	Glu	Ala	Val	Arg	
Compound 94	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Glu	Leu	Ser	Lys	Gln	Leu	Glu	Glu	Ala	Val	Arg	
Compound 95	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Ala	Ser	Lys	Gln	Leu	Glu	Glu	Ala	Val	Arg	
Compound 96	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Ala	Ser	Lys	Gln	Leu	Glu	Glu	Ala	Val	Arg	
Compound 97	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Pgly	Ser	Lys	Gln	Met	Glu	Glu	Ala	Val	Arg	
Compound 98	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Pgly	Ser	Lys	Gln	Leu	Glu	Glu	Ala	Val	Arg	
Compound 99	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ala	Lys	Gln	Met	Glu	Glu	Ala	Val	Arg	
Compound 100	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ala	Lys	Gln	Leu	Glu	Glu	Ala	Val	Arg	
Compound 101	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Ala	Gln	Met	Glu	Glu	Ala	Val	Arg	
Compound 102	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Ala	Gln	Leu	Glu	Glu	Ala	Val	Arg	
Compound 103	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Ala	Met	Glu	Glu	Ala	Val	Arg	
Compound 104	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Ala	Leu	Glu	Glu	Ala	Val	Arg	

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Fig. 4E3



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Amino Acid Position	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Compound 90	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn	NH2										
Compound 91	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 92	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn	NH2										
Compound 93	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 94	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn	NH2										
Compound 95	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 96	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn	NH2										
Compound 97	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 98	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 99	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 100	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 101	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 102	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn	NH2										
Compound 103	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 104	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn	NH2										

Fig. 4E4